BoostD 3.1
FIBER SPEEDS OVER DOCSIS

Achieve 8G downstream and 1.5G upstream over DOCSIS 3.1 networks

FREE YOUR BROADBAND NETWORK

Harmonic's BoostD 3.1 capability, powered by the cOS™ virtualized broadband platform, unleashes the full potential of your DOCSIS 3.1 network. By leveraging the latest class of DOCSIS 3.1 and DOCSIS 4.0 cable modems, BoostD 3.1 makes it possible to reach internet speeds up to 8 Gbps downstream and 1.5 Gbps upstream with readiness for a DOCSIS 4.0 upgrade.

SCALE WITH EASE

Integrated CMTS systems have trouble scaling and are unable to benefit from the extensible capacity and spectrum efficiencies offered by the virtualized cOS platform. With BoostD 3.1, operators can utilize four or five orthogonal frequency-division multiplexing (OFDM) channels and 32 structured code quality assessment method (SCQAM) channels to enhance their service offering through the speed and agility of software.

WIN AND RETAIN SUBSCRIBERS

Accelerate network evolution

The fiber-like speeds achieved with the cOS platform and BoostD 3.1 capability provide the high performance subscribers expect today using the HFC networks operators already have in place. This capability enables the fast, economical rollout of speed tiers up to 5G x 1.
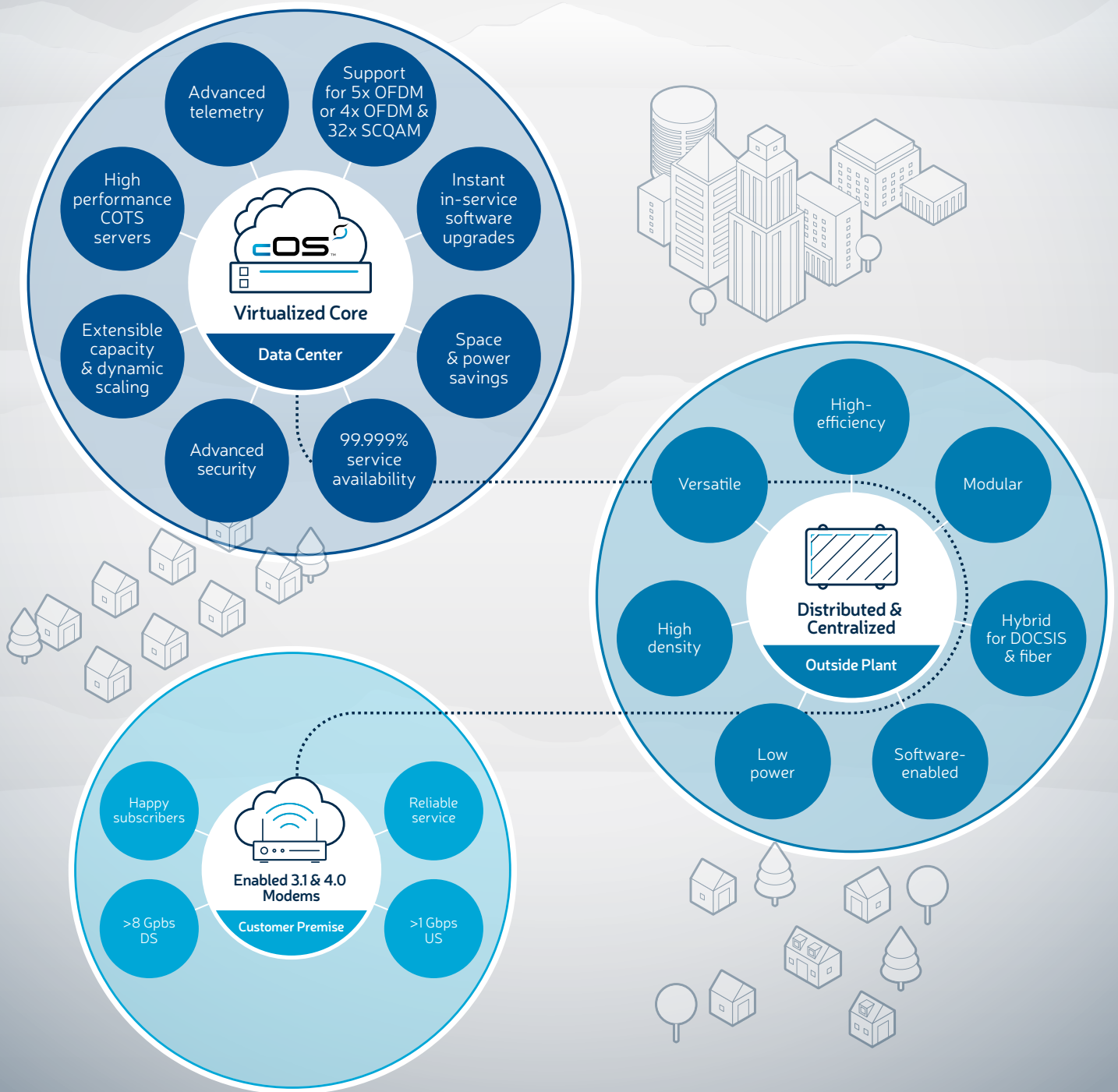
Pathways for fiber & DOCSIS

Harmonic offers multiple options for delivering high-speed broadband to any location over the same network. In addition to BoostD 3.1, the cOS platfrom supports full duplex (FDX) and extended spectrum (ESD) DOCSIS 4.0, as well as PON service delivery, providing operators the power of choice.

Elevate subscriber satisfaction

The cOS Central suite of web-based monitoring and management applications and Beacon Intelligent Speed Maximizer employ AI and ML technology to enhance service reliability and elevate subscriber quality of experience (QoE).

harmonicinc.com/broadband

BoostD 3.1 TAKES DOCSIS BEYOND

Discover the leading solution for high-speed broadband.

Virtualized Core
Data Center

- Advanced telemetry
- Support for 5x OFDM or 4x OFDM & 32x SCQAM
- High performance COTS servers
- Instant in-service software upgrades
- Extensible capacity & dynamic scaling
- Space & power savings
- Advanced security
- 99.999% service availability

Distributed & Centralized
Outside Plant

- High-efficiency
- Versatile
- Modular
- High density
- Hybrid for DOCSIS & fiber
- Low power
- Software-enabled

Enabled 3.1 & 4.0 Modems
Customer Premise

- Happy subscribers
- Reliable service
- >8 Gpbs DS
- >1 Gbps US

BROADBAND AT ITS BEST WITH cOS

harmonicinc.com